L Number	Hits	Search Text	DB	Time stamp
-	15850	(hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 08:50
-	5963	((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and (updat$4 or modif$3 or chang$3) with data	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 08:50
-	1920	(((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and (updat$4 or modif$3 or chang$3) with data) and (web HTML (markup adj language) XML)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 08:51
-	1549	((((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and (updat$4 or modif$3 or chang$3) with data) and (web HTML (markup adj language) XML)) and database	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 08:51
-	113	(((((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and (updat$4 or modif$3 or chang$3) with data) and (web HTML (markup adj language) XML)) and database) and (ignor$3 or exclud$4) near4 (update chang$3 modif$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 08:52
-	194	(((((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and (updat$4 or modif$3 or chang$3) with data) and (web HTML (markup adj language) XML)) and database) and (ignor$3 or exclud$4) near4 (time data temporal$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 08:53
-	64	(((((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and (updat$4 or modif$3 or chang$3) with data) and (web HTML (markup adj language) XML)) and database) and (ignor$3 or exclud$4) near4 (time date temporal$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:19
-	3128	((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and current with data	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:18
-	1487	(((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and current with data) and compar$5 with data	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:18
-	754	(((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and current with data) and compar$5 with current	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:25
-	120	((((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and current with data) and compar$5 with current) and (ignor$3 or exclud$4) near4 (time data date temporal$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:19
-	12	(((((hidden or invisibl$3 (("not" or no) adj3 diplay$4)) with (data or information state)) and current with data) and compar$5 with current) and (ignor$3 or exclud$4) near4 (time data date temporal$5)) and (707/$ 709/$ 715/$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:23
-	5699	page with (current and (updat$3 modif$5 chang$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:25

-	64	(page with (current and (updat$3 modif$5 chang$5))) and (hidden with portion)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:25
-	32	((page with (current and (updat$3 modif$5 chang$5))) and (hidden with portion)) and compar$5 with current	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:39
-	0	6401103.URPN.	USPAT	2004/07/07 09:28
-	0	6401103.URPN.	USPAT	2004/07/07 09:28
-	12	("5493728" | "5649195" | "5737536" | "5751958" | "5752042" | "5758355" | "5761670" | "5765171" | "5802062" | "5835904" | "5991542" | "6157935").PN.	USPAT	2004/07/07 09:29
-	4	(ignor$3 exclud$4) near4 (trivial unimportant) near4 (updat$3 chang$5 modif$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:40
-	13	(ignor$3 exclud$4 skip$4 delet$4 remov$6) near4 (trivial unimportant) near4 (updat$3 chang$5 modif$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:43
-	9	((ignor$3 exclud$4 skip$4 delet$4 remov$6) near4 (trivial unimportant) near4 (updat$3 chang$5 modif$6)) not ((ignor$3 exclud$4) near4 (trivial unimportant) near4 (updat$3 chang$5 modif$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:41
-	3761	(ignor$3 exclud$4 skip$4 delet$4 remov$6) near4 (trivial unimportant time date temoral$5) near4 (updat$3 chang$5 modif$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:43
-	368	((ignor$3 exclud$4 skip$4 delet$4 remov$6) near4 (trivial unimportant time date temoral$5) near4 (updat$3 chang$5 modif$6)) and (web adj page XML HTML markup adj language)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:54
-	267	(((ignor$3 exclud$4 skip$4 delet$4 remov$6) near4 (trivial unimportant time date temoral$5) near4 (updat$3 chang$5 modif$6)) and (web adj page XML HTML markup adj language)) and (707/$ 709/$ 705/$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:46
-	26	(((ignor$3 exclud$4 skip$4 delet$4 remov$6) near4 (trivial unimportant time date temoral$5) near4 (updat$3 chang$5 modif$6)) and (web adj page XML HTML markup adj language)) and (compar$5 with ((current recent) and (modif$6 chang$3 updat$5)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:52
-	71253	(compar$5 with ((image state current recent) and (modif$6 chang$3 updat$5)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:53
-	325	((ignor$3 exclud$4 skip$4 delet$4 remov$6) near4 (trivial unimportant time date temoral$5) near4 (updat$3 chang$5 modif$6)) and ((compar$5 with ((image state current recent) and (modif$6 chang$3 updat$5))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:53
-	1	(((ignor$3 exclud$4 skip$4 delet$4 remov$6) near4 (trivial unimportant time date temoral$5) near4 (updat$3 chang$5 modif$6)) and ((compar$5 with ((image state current recent) and (modif$6 chang$3 updat$5))))) and (hidden adj data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/07 09:54

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Set     Items   Description
S1    5286823   DATABASE?? OF DATA()BASE? OR DB OR DATA()STRUCTURE? OR VER-
            SION OR WEB()(SITE? OR PAGE?) OR WEBSITE? OR WEBPAGE? OR HOME-
            ()PAGE? OR HOMEPAGE? OR WEBBASE OR WEB()BASE? OR DATA()COLLEC-
            TION?
S2     607072   (STATE OR CURRENT OR PRESENT OR NOW OR IMMEDIATE OR REALTI-
            ME OR REAL()TIME OR DYNAMIC? OR SOURCE)(2N)(DATA OR INFORMATI-
            ON OR VERSION)
S3    9632838   MODIF? OR EDIT? OR REVIS? OR REVAMP? OR REWRIT? OR REWORK?
            OR CHANG? OR ALTER? OR UPDATE? OR UP()(DATE? ? OR GRAD?) OR M-
            ODIF? OR UPGRAD?
S4     335920   S3(2N)(DATA OR INFORMATION OR FIELD?)
S5   13579193   COMPAR? OR SYNCHRON? OR CONFORM? OR CONCUR? OR ACCORD? OR -
            AGREE? OR ASSOCIAT? OR COMPATIBLE OR COMPLIANT OR LINK? OR MA-
            TCH? OR VERIF?
S6     423970   IGNOR??? OR DISREGARD? OR PASS()OVER OR SLIGHT
S7     236793   TRIVIAL OR UNIMPORTANT OR USELESS OR INEFFECTUAL OR UNUSAB-
            LE OR INCONSEQUENT? OR INSIGNIFICANT OR UNNECESSARY
S8   10495901   APPLY OR APPLIES OR EMPLOY? OR IMPLEMENT? OR USE OR USES OR
             UTILIZE?
S9     134828   (IMPORTANT OR SIGNIFICANT)(2N)S3
S10         0   S1 (S) S2 (S) S4 (S) S5 (S) S6 (S) S7 (S) S8 (S) S9
S11     15353   S2 (S) S4
S12      3727   S11 (S) S5
S13       820   S6 (S) S7 (S) S3
S14     27912   S8 (S) S9
S15         3   S12 (S) S13
S16        21   S12 (S) S14
S17      2981   S1 (S) S11
S18      1004   S1 (S) S12
S19        19   S13 (S) S14
S20       116   S1 (S) S13
S21      1504   S1 (S) S14
S22         3   S11 (S) S13
S23        43   S2 (S) S13
S24        21   S4 (S) S13
S25         8   S18 (S) S21
S26       101   S15 OR S16 OR S19 OR S22 OR S23 OR S24 OR S25
S27        89   S26 NOT PY>2001
S28        80   S26 NOT PD>20010110
S29        46   RD (unique items)
File  15:ABI/Inform(R) 1971-2004/Jun 27
         (c) 2004 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 647:CMP  Computer Fulltext 1988-2004/Jun W4
         (c) 2004 CMP Media, LLC
File 275:Gale Group Computer DB(TM) 1983-2004/Jul 05
         (c) 2004 The Gale Group
File 674:Computer News Fulltext 1989-2004/Jun W2
         (c) 2004 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2004/Jul 06
         (c) 2004 The Dialog Corp.
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jul 02
         (c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jul 05
         (c) 2004 The Gale Group
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2004/Jul 05
         (c) 2004 PR Newswire Association Inc
File  16:Gale Group PROMT(R) 1990-2004/Jul 05
         (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 553:Wilson Bus. Abs. FullText 1982-2004/Jun
         (c) 2004 The HW Wilson Co
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01751986 Supplier Number: 53195629 (THIS IS THE FULLTEXT)

NetMind's New Webmaster Program Offers Change Detection Tools and Tailored Reports to Target and Retain Web Site Visitors.

PR Newswire, p9636
Nov 10, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 895

TEXT:

NetMind Mind-it Software Encourages Repeat Visits With Customized Communication and Detailed Analysis of Web Site Traffic for FREE

CAMPBELL, Calif., Nov. 10 /PRNewswire/ -- NetMind, the leading supplier of Change Detection solutions for the consumer and enterprise markets, today announced a new Webmaster Program. The NetMind Webmaster Program assists Webmasters by offering its powerful third-generation Change Detection software free of charge to better target and retain Web site traffic through customized messages and reports.

"Using NetMind's free Mind-it service, visitors to our site can register to be notified when new content is added," said Colleen Temple, online editor for Intermec Technologies Corporation. "This service acts as a pull strategy to bring people back to the site and provides us with valuable demographic information concerning our visitors so we can better develop the site to meet their needs."

NetMind's Webmaster Program is built around the company's free online consumer service called Mind-it. Currently used by over 4 million individuals, Mind-it lets individuals monitor any Web-based information, then be notified of relevant changes to this information via email. Through the Webmaster Program, Webmasters have free access to the code and tools needed to incorporate Mind-it buttons on their sites and, as a result, they will receive aggregated profile reports about visitors who sign up to track information on their sites. Today, over 25,000 Webmasters are already using NetMind buttons on their sites to let users track everything from travel fares and hobbies to medical and retail sites. NetMind's reporting capabilities will keep Webmasters appraised of how many visitors are returning to their sites as a result of the email notification service.

"Mind-it is better at targeting visitors over email newsletters and listservs since it lets you know exactly what pages and information your visitors are tracking," said Mark Richards, vice president of marketing for NetMind. "Mind-it can be up and running on your site in just a few minutes - it's that easy to incorporate! In addition, NetMind handles all administrative, technical and server tasks - a huge time savings by itself."

How Do I Get Mind-it On My Site?

Webmasters can easily incorporate Mind-it into their Web sites by simply "copying and pasting" a few lines of code found at NetMind's site at www.netmind.com/html/webmasters.html. This code creates a special Mind-it button and email address field to be placed anywhere on a Web page. To be notified of changes to information on a particular page, a visitor simply types in an email address and a change notification will be sent to them via email whenever relevant updates occur. This means visitors will automatically be referred back to your site when information has been updated.

How Does It Work?

Mind-it typically checks each registered Web page once every 24 hours. NetMind's third generation Change Detection technology is a mature technology sophisticated enough to ignore trivial changes, such as counters and banner ads, so visitors are not inundated with irrelevant **change** notices. **Information** can be "minded" within a page or by keyword.

What Do I Get From Joining the Webmaster Program?

Mind-it encourages Webmasters to develop personal relationships and one- to-one marketing activities with their visitors. New to NetMind's offerings for Webmasters is the ability to create and send personalized

messages with each change notification. For example, when a page is updated with new sale prices, a Webmaster may choose to write a personalized message about the products on sale to visitors. This message is then sent, along with the change notification, to all subscribers of that page.

In addition, Webmasters can customize the confirmation page visitors receive after their initial sign-up and visitors may track by keyword for topics of their interest. Finally, members of the Webmaster Program will now receive priority technical support from NetMind.

What Kind of Demographic Information Do I Get?

NetMind offers the following aggregated visitor information to members of the Webmaster Program:

* Number of users requesting update notices
* Age
* Gender
* Geographic information
* Browser used
* Email client used
* Business or personal use.

This information can be used to support advertising sales on Web sites, for NetMind's report can be used as reference documentation about who is being reached and how often. Webmasters can receive reports on users at any time. Aggregated data is given to protect visitor anonymity. Additional profiling services will be forthcoming from NetMind.

To sign up or find out more about NetMind's Webmaster Program, visit the NetMind Web site at www.netmind.com and click on the "For Webmasters" link.

About NetMind

NetMind is the leading supplier of Change Detection software solutions for the consumer and enterprise markets. Its flagship product, Enterprise Minder, is based on the company's core technology that serves over 4 million active customers by tracking important information on the Internet and relaying relevant changes in a timely manner via email, wireless devices, Web pages and links. Corporations, such as Hitachi, Fujitsu, Kimberly-Clark, Telxon and US Pharmacopoeia, are using Enterprise Minder for a wide range of applications, including competitive intelligence, customer profiling, technical information tracking, financial updates, online purchasing, job postings, and general Web site visitor retention. Based in Campbell, CA, NetMind was founded in 1996. For more information on NetMind, visit us at www.netmind.com.

PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: *NetMind
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)

... to ignore trivial changes, such as counters and banner ads, so visitors are not inundated with irrelevant **change** notices. **Information** can be "minded" within a page or by keyword.

What Do I Get From Joining the Webmaster...

29/5,K/43 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire

1224631 LAM042

Netscape Achieves 875 Design Wins in 1997 for Netscape SuiteSpot, Application Server, Communicator and CommerceXpert Software

DATE: February 9, 1998 08:31 EST WORD COUNT: 1,577

MOUNTAIN VIEW, Calif. Feb. 9 /PRNewswire/ -- Netscape Communications

Corporation (Nasdaq: [redacted]CP) today announced that it achieved 875 customer design wins in 1997, surpassing its 1997 internal goal of 700 design wins and demonstrating strong momentum for its Netscape(R) SuiteSpot, Netscape Application Server, Netscape Communicator and Netscape CommerceXpert software. Netscape defines design wins as customers who have chosen Netscape software for significant corporate messaging solutions or for business-critical Intranet and Extranet applications.

These 875 design wins represent customers that have begun deployment of Netscape software for messaging or Java/JavaScript applications. These wins also showcase the breadth of Netscape customer applications in industries including government, finance, manufacturing, retailing and telecommunications.

"Netscape's more than 800 design wins in 1997 showcase the strong customer commitment and momentum that have made Netscape a leader in providing high- quality, business-critical communications solutions," said Mike Homer, executive vice president of worldwide sales and marketing at Netscape. "1997 was a year of tremendous expansion and growth for Netscape. With the acquisition of Kiva Software and Actra Business Systems LLC, Netscape significantly enhanced its ability to enable customers to create and deploy leading-edge, industrial-strength electronic commerce and information applications. And with bold, new initiatives such as our Unlimited Distribution program for Netscape Communicator and plan to make next- generation Netscape Communicator source code available for free, we intend to continue that growth, innovation and customer satisfaction in 1998."

Netscape's design wins include companies and organizations such as: Alleanza Assicurazioni, Ameritech, Banco Santander, Berliner Bank, Bital, Britannia Group, DASA, Frankfurt Airport, Fujitsu, The Home Depot Inc., Internet Shopping Network, Italtel Spa, Litton Industries, NASA Ames Research Center, National Bank of Dubai, Quaker State Corporation, Rolls Royce Motor Cars, Sears, Roebuck and Co., Sainsburys, Saudi Arabian Oil Co., TransCanada Pipeline Ltd., Travelers Life & Annuity, TUI, United Nations Development Programme, U.S. Air Force, U.S. Environmental Protection Agency, Viag Interkom and World Access Planet Internet.

Examples of how customers are deploying Netscape's open, cross-platform technology include the following:

Ameritech, a leading communications provider, has deployed Netscape Application Server as part of its **Web site** to support medium-to-large business customers and authorized distributors of Ameritech services. The site (www.ameritech.com/solutions) features product and services information, frequently asked questions, information for consultants, an area for feedback, and password-protected pages for Ameritech Authorized Distributors. Those pages provide authorized distributors with tools to improve their efficiency, including sales leads distribution, order status and tracking, and compensation information. Ameritech plans more enhancements targeted directly at customers, including the ability to order and check prices and service availability online, and expanding the service to small business customers. "Ameritech's decision to **use** Netscape Application Server is based on its ability to integrate seamlessly with our existing technology so we can better serve our customers and authorized distributors," said Robin Flatow, senior marketing manager at Ameritech. "With Netscape Application Server as part of our solution, we are able to provide timely and **updated information** to our customers and authorized distributors."

The Home Depot Inc., North America's largest home improvement retailer with more than 600 warehouse-style home centers in 41 states and four Canadian provinces, with 1996 net sales of $19.5 billion, is using Netscape as the backbone of its 'Virtual District Office.' This application enables district managers and **employees** to share and access **dynamic information** across company locations including sales data, labor hours, inventory statistics and personnel directories. Home Depot **utilizes** Netscape Enterprise Server, Netscape Directory Server, Netscape Proxy Server and Netscape Communicator Professional Edition in its communications solution deployed to 6,000 seats. "Home Depot is a fast-growing company

with the need to disseminate information to a variety of field **associates**. We also require the ability to provide strategic business information to district managers anytime, anyplace, anywhere because they can't be in all stores at one time," said Mike Andersen, vice president of applications and development at Home Depot. "To give them instantaneous access to information about each store, Home Depot deployed Netscape software-based Web solutions. Using the wide array of Netscape SuiteSpot server software, we are able to provide detailed and summarized data to managers whether they are in a store, hotel or at home. A deciding factor in choosing Netscape software is its scalability which meets the growing demands of Home Depot's ever-increasing transaction volumes."

Litton Industries, a leader in worldwide technology markets for electronics, shipbuilding and information systems, with more than $4 billion in yearly revenue, is using Netscape SuiteSpot to enable its **employees** to share corporate information and best practices, manage budgets and streamline vendor approval processes via its Intranet. Prior to Web-enabling its capital budgeting process, each division submitted a paper-based budget forecast which was hand-delivered between department-level managers and corporate headquarters. To make the budgeting process more efficient, Litton has created a Netscape Enterprise Server-based capital budget forecasting application. "Creating a capital forecast plan takes several months, which often means the plan requires **significant changes** even after its official completion date," said Sergio Cortez, director of standards and resource management at Litton. "Netscape server software enabled us to create an Intranet application that will allow us to track and modify the plan in real- time via the Web. Now, we will be able to create the forecast in half the time."

Sears, Roebuck and Co., a premiere retailer of apparel, home and automotive products and services, with annual revenue of more than $38 billion, is using Netscape SuiteSpot and Netscape client software to enable store managers to improve productivity and save time and resources by sharing customer demographics, sales volume reports and best practices with one another across its corporate Intranet. "An evaluation of browsers by Sears information technology staff in 1996 determined that Netscape client software is superior to its rivals in performance and stability in the OS/2 environment used by Sears, and was solely approved as the standard browser for **use** in our Internet development," said Sandy Kirmeyer, director of strategic initiatives at Sears. "Sears also selected Netscape SuiteSpot as its server software of choice because of its support for open standards, ease of deployment and the fact that it offers us a wide range of options for future enhancements and expansion."

Travelers Life and Annuity, a leading financial products and services provider that offers a line of life insurance, individual and group annuities, and long term care insurance products, is using Netscape SuiteSpot to enable consumers to conduct self-service, online financial transactions via an application developed in HTML and server-side Java/JavaScript available at its **Web site** located at www.travelersla.com. The service enables account holders to review annuity portfolio balances and also offers insurance information, retirement planning services and other information. The company also **uses** Netscape SuiteSpot Professional Edition on its Intranet for messaging and calendaring deployed to 2500 seats. "Netscape SuiteSpot server software provided Travelers Life and Annuity with the flexibility, scalability and standards-based approach we needed in order to create and maintain our leading-edge, **Web - based** consumer financial transaction application and our corporate Intranet," said Patrick Nadeau, technical director at Travelers Life and Annuity. "By working with Netscape, our company was able to **implement** a tailored information technology solution that addresses our ongoing business objectives and provides a significant return on investment."

Netscape SuiteSpot and Netscape Communicator are award-winning suites of products used for messaging, collaboration and groupware. These products provide enterprise customers with an integrated client/server software solution that enables them to communicate, access and share information easily both within the enterprise and with external customers and partners.

Netscape Application Server software is designed for enterprise-class Intranet, Extranet and Internet applications. The product complements Netscape's leading line of Web server software and enables Netscape to provide customers with a range of products for Web-based applications that scale from the workgroup to the extended enterprise. Netscape Application Server software provides fundamental infrastructure for Global 5000 companies implementing business-critical applications in which performance, scalability, availability and rapid deployment are critical to achieving business objectives.

Netscape CommerceXpert is a family of Internet commerce applications for conducting business-to business and business-to-consumer commerce on the Internet. The family consists of five products focused on buying, selling and merchandising over the Internet that leverage existing EDI and enterprise application investments. Netscape CommerceXpert includes ECXpert, SellerXpert, BuyerXpert, MerchantXpert and PublishingXpert.

Netscape Communications Corporation is a leading provider of open software for linking people and information over enterprise networks and the Internet. The company offers a full line of clients, servers, development tools and commercial applications to create a complete platform for next-generation, live online applications. Traded on Nasdaq under the symbol "NSCP," Netscape Communications Corporation is based in Mountain View, California.

Additional information on Netscape Communications Corporation is available on the Internet at http://home.netscape.com, or by sending email to info netscape.com. Corporate customers can call 650/937-2555 while consumers can call 650/937-3777 for more information.

SOURCE Netscape Communications Corporation

CONTACT: Anil Prasad of Netscape Communications Corporation, 650-937-2043, aprasad netscape.com

Web site: http://home.netscape.com

(NSCP)

COMPANY NAME:	NETSCAPE COMMUNICATIONS CORPORATION
TICKER SYMBOL:	NSCP (NDQ)
PRODUCT:	COMPUTER, ELECTRONICS (CPR); INTERNET, MULTIMEDIA, ONLINE (MLM)
STATE:	CALIFORNIA (CA)
SECTION HEADING:	BUSINESS; TECHNOLOGY

...include the following:
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... prices and service availability online, and expanding the service to small business customers. "Ameritech's decision to **use** Netscape Application Server is based on its ability to integrate seamlessly with our existing technology so we...

...Ameritech. "With Netscape Application Server as part of our solution, we are able to provide timely and **updated information** to our customers and authorized distributors."

The Home Depot, Inc., North America's largest home improvement retailer...

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...Depot is a fast-growing company with the need to disseminate information to a variety of field **associates** . We also require the ability to provide strategic business information to district managers anytime, anyplace, anywhere because...

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... budget forecasting application. "Creating a capital forecast plan takes several months, which often means the plan requires **significant changes** even after its official completion date," said Sergio Cortez, director of standards and resource management at Litton...

... in the OS/2 environment used by Sears, and was solely approved as the standard browser for **use** in our ...online financial transactions via an application developed in HTML and server-side Java/JavaScript available at its **Web site** located at www.travelersla.com. The service enables account holders to review annuity portfolio balances and also offers insurance information, retirement planning services and other information. The company also **uses** Netscape SuiteSpot Professional Edition on its Intranet for messaging and calendaring deployed to 2500 seats. "Netscape SuiteSpot...

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Set     Items   Description
S1      69234   DATABASE OF DATA()BASE OR DB OR DATA()STRUCTURE OR VERSION
             OR WEB()(SITE? OR PAGE?) OR WEBSITE? OR WEBPAGE? OR HOME()PAG-
             E? OR HOMEPAGE? OR WEBBASE OR WEB()BASE?
S2      82821   (STATE OR CURRENT OR PRESENT OR NOW OR IMMEDIATE OR REALTI-
             ME OR REAL()TIME OR DYNAMIC? OR SOURCE)(2N)(DATA OR INFORMATI-
             ON OR VERSION)
S3    2214806   MODIF? OR EDIT? OR REVIS? OR REVAMP? OR REWRIT? OR REWORK?
             OR CHANG? OR ALTER? OR UPDATE? OR UP()(DATE? ? OR GRAD?) OR M-
             ODIF? OR UPGRAD?
S4     109224   S3(2N)(DATA OR INFORMATION OR FIELD?)
S5    3351170   COMPAR? OR SYNCHRON? OR CONFORM? OR CONCUR? OR ACCORD? OR -
             AGREE? OR ASSOCIAT? OR COMPATIBLE OR COMPLIANT OR LINK? OR MA-
             TCH? OR VERIF?
S6      58044   IGNOR??? OR DISREGARD? OR PASS()OVER OR SLIGHT
S7     137303   TRIVIAL OR UNIMPORTANT OR USELESS OR INEFFECTUAL OR UNUSAB-
             LE OR INCONSEQUENT? OR INSIGNIFICANT OR UNNECESSARY
S8    7629251   APPLY OR APPLIES OR EMPLOY? OR IMPLEMENT? OR USE OR USES OR
              UTILIZE?
S9       2330   (IMPORTANT OR SIGNIFICANT)(2N)S3
S10         0   S1 AND S2 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9
S11      6772   S2 AND S4
S12      2819   S11 AND S5
S13       100   S6 AND S7 AND S3
S14      1602   S8 AND S9
S15      2819   S11 AND S12
S16         0   S15 AND S13
S17         2   S15 AND S14
S18       373   S1 AND S11
S19         0   S13 AND S14
S20         1   S1 AND S13
S21        30   S1 AND S14
S22       175   S1 AND S15
S23         0   S11 AND S13
S24         3   S2 AND S13
S25         5   S4 AND S13
S26         0   S12 (S) S13
S27       373   S11 AND S1
S28         4   S27 AND DATA()COLLECTION?
S29        44   S17 OR S20 OR S21 OR S24 OR S25 OR S28
S30        22   S29 AND IC=G06F?
File 347:JAPIO Nov 1976-2004/Feb(Updated 040607)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200442
         (c) 2004  Thomson Derwent
```

30/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

06974913 **Image available**
SECURITY MANAGEMENT SYSTEM AND ITS PROGRAM STORAGE MEDIUM

PUB. NO.: 2001-202484 [JP 2001202484 A]
PUBLISHED: July 27, 2001 (20010727)
INVENTOR(s): OTSUKA MOTOI
APPLICANT(s): CASIO COMPUT CO LTD
APPL. NO.: 2000-008552 [JP 20008552]
FILED: January 18, 2000 (20000118)
INTL CLASS: G06K-017/00; **G06F-012/14**

ABSTRACT

PROBLEM TO BE SOLVED: To surely prevent leakage of **important** information by **changing** the way to encipher a registered user password at each time to reduce the probability that the registered user password is deciphered by the third person as much as possible in the case that a server device preliminarily enciphers and writes the user password of a user who is permitted to **use** a **DB** card, and register it when writing a **DB** file in the **DB** card.

SOLUTION: When writing the **DB** file in a **DB** card 3, a server device 1 enciphers the user password with a time variable changing at each time as the key and registers it in the **DB** card. A portable terminal device 2 acquires the time variable key from the card when accessing the **DB** card and enciphers a password inputted by an operator by this time variable key to collate the password; and when the operator is an authorized user, the device 2 permits access to the **DB** file in the card.

30/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO

05814303 **Image available**
INTERACTIVE DISPLAY SYSTEM OF RECURSIVE FORMULA

PUB. NO.: 10-097403 [JP 10097403 A]
PUBLISHED: April 14, 1998 (19980414)
INVENTOR(s): KANBE TAKAYUKI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-249436 [JP 96249436]
FILED: September 20, 1996 (19960920)
INTL CLASS: [6] **G06F-003/14** ; **G06F-009/06**
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)
JAPIO KEYWORD:R004 (PLASMA); R011 (LIQUID CRYSTALS)

ABSTRACT

PROBLEM TO BE SOLVED: To display a necessary part in detail and to **ignore** and display an **unnecessary** part by dividing a rectangular area which is made a nest in accordance with a recursive structure of formula data, tracing a list structure of formula **data** and **changing** it to a set of rectangular areas according to a recursive procedure.

SOLUTION: This system prepares a **data structure** that corresponds to a rectangular area, stores a calculated size, a pointer that points partial data which is included in the recursive structure of a formula showing its content and a pointer that points a **data structure** which corresponds to a rectangle in a rectangular table 2b, creates a rectangle in display memory 3 and shows it in a display part 4. A symbol that presents various

elements in an area [redacted]ectangle) which is divided by [redacted] formula element display means 1b. Next, an eliminating means 1c compares the depth and term number of a nest with a threshold and the formula is eliminated and displayed. When an input part 5 instructs a symbol that shows elimination, a part eliminating part 1d operates and is expanded and a nest structure is relocated. When a polynomial rectangular area is selected by the part 5 and eliminating display is instructed, the same elimination with the means 1c is performed and the rectangular area is eliminated and displayed.

30/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

03877746 **Image available**
DATA STORAGE DEVICE

PUB. NO.: 04-242846 [JP 4242846 A]
PUBLISHED: August 31, 1992 (19920831)
INVENTOR(s): HORI RIYOUJI
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-011391 [JP 9111391]
FILED: January 07, 1991 (19910107)
INTL CLASS: [5] **G06F-012/00**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1468, Vol. 17, No. 16, Pg. 12, January 12, 1993 (19930112)

ABSTRACT

PURPOSE: To make the data processing simple and high-speed by invalidating or validating at least data of one digit of input data.

CONSTITUTION: A **data modify** signal input part 12 inputs a **data modify** signal where digits expected to be invalidated at the time of write as well as read are '0' and digits expected to be validated then are not '0'. At the time of write, a **data modify** part 14 compares the **data modify** signal from the **data modify** signal input part 12 with input data from a data input/output part 2 and sends only digits designated as validated to a memory element 13. At the time of read, data of all digits are temporarily read out from the memory element 13, and data where invalidated digits are forcible set to '0' is sent to the data input/output part 2. Consequently, partial digits of data, which have a bad influence upon processing and are **unnecessary** , out of input data are invalidated, and the processing to **ignore** data of invalidated digits at the time of read is **unnecessary** .

30/5/14 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014821736 **Image available**
WPI Acc No: 2002-642442/200269
XRPX Acc No: N02-507797
Shared resources provision method for workstations, involves including modified data **in** current data , **if other** data **of** source version **does not differ from** current data **included in** current version **of** data collection
Patent Assignee: BURR D E (BURR-I); MCBRIDE A A (MCBR-I); WATSON D B (WATS-I)
Inventor: BURR D E; MCBRIDE A A; WATSON D B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091721	A1	20020711	US 2001758491	A	20010110	200269 B

Priority Applications (No Type Date): US 2001758491 A 20010110
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20020091721 A1 10 G06F-012/00

Abstract (Basic): US 20020091721 A1

NOVELTY - A **data** that is **modified** from a **data** field of a **source version** of a **data collection** , and other **data** of **source version** of the **data collection** are received. If the other data does not differ from **current data** included in a **current version** of a **data collection** corresponding to the other **data** , the **modified data** is included in the **current data** .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Article comprising computer readable medium storing shared resources provision program; and

(2) Shared resources providing system.

USE - For providing shared resources to workstations connected to communication devices such as mobile or stationary computers, personal digital assistants, telephone, pager etc. through network such as Internet, local network, private network, public network, etc. using communication links such as modem links, fiber optic links, cables, point-to-point links, Bluetooth, cellular links, satellite links etc.

ADVANTAGE - Efficiently notifies an user's modification and corresponding changes in **web page** to another user.

DESCRIPTION OF DRAWING(S) - The figure shows flowchart of the **web page** modifying process.

pp; 10 DwgNo 2/4

Title Terms: SHARE; RESOURCE; PROVISION; METHOD; MODIFIED; DATA; CURRENT; DATA; DATA; SOURCE; **VERSION** ; DIFFER; CURRENT; DATA; CURRENT; **VERSION** ; DATA; COLLECT
Derwent Class: T01
International Patent Class (Main): **G06F-012/00**
File Segment: EPI

30/5/15 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014669990 **Image available**
WPI Acc No: 2002-490694/200252
XRPX Acc No: N02-387888

Real time information **providing apparatus controls DBMS**, DB **retrieval unit and data transmitter and receiver to manage status information for an area based on temporal order and to provide them to user on request**

Patent Assignee: MAGICEYES DIGITAL CO (MAGI-N); MAGICI CO LTD (MAGI-N); CHO M (CHOM-I); CHOI M (CHOI-I)
Inventor: CHO M H; CHO M R; CHO M; CHOI M
Number of Countries: 092 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200250701	A1	20020627	WO 2001KR526	A	20010330	200252	B
AU 200148871	A	20020701	AU 200148871	A	20010330	200264	
KR 2002050670	A	20020627	KR 200079898	A	20001221	200282	
EP 1344146	A1	20030917	EP 2001922087	A	20010330	200362	
			WO 2001KR526	A	20010330		
US 20040073646	A1	20040415	WO 2001KR526	A	20010330	200426	
			US 2003451604	A	20030619		
JP 2004516577	W	20040603	WO 2001KR526	A	20010330	200436	
			JP 2002551729	A	20010330		
CN 1483168	A	20040317	CN 2001821203	A	20010330	200437	

Priority Applications (No Type Date): KR 200079898 A 20001221
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes

WO 200250701 A1 E 50 G06F-017/00
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
AU 200148871 A G06F-017/00 Based on patent WO 200250701
KR 2002050670 A G06F-017/00
EP 1344146 A1 E G06F-017/00 Based on patent WO 200250701
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR
US 20040073646 A1 G06F-015/173
JP 2004516577 W 65 G06F-017/30 Based on patent WO 200250701
CN 1483168 A G06F-017/00
Abstract (Basic): WO 200250701 A1

NOVELTY - A controller controls data receiver and transmitter, DBMS and **DB** retrieval unit to manage the video or audio status information for an area based on temporal order and to provide them to the user if data request message is received from the user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for method for providing **real time information** .

USE - To provide **real time information** directly on a **website** .

ADVANTAGE - The time needed to provide services after **data collection** is reduced, as status information **data** generated by **editing** step are directly provided in the **website** with collecting data.

DESCRIPTION OF DRAWING(S) - The figure shows exemplary view of **web page** screens for providing information user with status information.

pp; 50 DwgNo 7/11

Title Terms: REAL; TIME; INFORMATION; APPARATUS; CONTROL; DECIBEL; RETRIEVAL; UNIT; DATA; TRANSMIT; RECEIVE; MANAGE; STATUS; INFORMATION; AREA; BASED; TEMPORAL; ORDER; USER; REQUEST
Derwent Class: T01
International Patent Class (Main): **G06F-015/173** ; **G06F-017/00** ; **G06F-017/30**
International Patent Class (Additional): **G06F-015/00** ; H04N-007/173
File Segment: EPI

30/5/16 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014269372 **Image available**
WPI Acc No: 2002-090070/200212
XRPX Acc No: N02-066319

Operating method of data processing apparatus, involves configuring object oriented environment to communicate with services operative according to versions of same class

Patent Assignee: INTAMISSION LTD (INTA-N); CRESWELL D (CRES-I); WARREN N (WARR-I)
Inventor: CRESWELL D; WARREN N
Number of Countries: 097 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200193018	A2	20011206	WO 2001GB2421	A	20010531	200212	B
GB 2363866	A	20020109	GB 200013269	A	20000531	200212	
AU 200162502	A	20011211	AU 200162502	A	20010531	200225	
GB 2363866	B	20021106	GB 200013269	A	20000531	200281	
EP 1330703	A2	20030730	EP 2001936631	A	20010531	200350	
			WO 2001GB2421	A	20010531		
JP 2004506968	W	20040304	WO 2001GB2421	A	20010531	200417	
			JP 2002501165	A	20010531		
US 20040055005	A1	20040318	WO 2001GB2421	A	20010531	200421	

Priority Applications (No Type Date): GB 200013269 A 20000531
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200193018	A2	E	82	G06F-009/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

GB 2363866	A			G06F-017/30	
AU 200162502	A				Based on patent WO 200193018
GB 2363866	B			G06F-017/30	
EP 1330703	A2	E		G06F-009/00	Based on patent WO 200193018

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2004506968	W		142	G06F-009/44	Based on patent WO 200193018
US 20040055005	A1			G06F-009/00	

Abstract (Basic): WO 200193018 A2

NOVELTY - An object oriented execution environment is configured to communicate with services operative according to the versions of the same class. The services are permitted to communicate only with the **version** execution environment, that operate with the **version** of the same class.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Data processing apparatus configuring method;

(b) Computer program product having computer readable program element for configuring data processing apparatus;

(c) Computer carrier medium carrying computer program product;

(d) Data processing apparatus;

(e) Computer system network

USE - For operating data processing apparatus in object oriented execution environment.

ADVANTAGE - The different versions of a class having the same class name can be manipulated by the same virtual machine, without name space collision. Since number of users or clients working with the **version** is increased, enhanced scalability is achieved. Since different versions can share data or information between them, it is unnecessary to repeat stored data in each **version** of a class for which an application service exists, hence easier to manage the data and control it. Processing environment insensitive to class **version** or class type is created. Since it is no longer necessary to create data entities in all the different versions of the service, reduces **significant** maintenance and **update** activities. Logical architecture of the system is maintained, even though different versions of a service has been created and used. Unnecessary to store multiple class type versions of object in order to allow requestors operating within different class type versions to retrieve the object.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic illustration of computer network.

pp; 82 DwgNo 1/11

Title Terms: OPERATE; METHOD; DATA; PROCESS; APPARATUS; OBJECT; ORIENT; ENVIRONMENT; COMMUNICATE; SERVICE; OPERATE; ACCORD; **VERSION** ; CLASS
Derwent Class: T01
International Patent Class (Main): **G06F-009/00** ; **G06F-009/44** ; **G06F-017/30**
International Patent Class (Additional): **G06F-009/445** ; **G06F-009/54**
File Segment: EPI

30/5/17 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

International Patent Cla[redacted] (Main): **G06F-017/60** ; G07F-00[redacted]00; G07F-001/00
International Patent Class (Additional): **G06F-015/00** ; H04L-009/08; H04L-009/32
File Segment: EPI

30/5/18 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013661703 **Image available**
WPI Acc No: 2001-145915/200115
XRPX Acc No: N01-106697
Computer readable code for decoupling data structure **updates from user-manipulable view of** data structure , applies **buffered updates to displayed tree view to create refreshed tree view**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: WANDERSKI M C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6147687	A	20001114	US 98165606	A	19981002	200115	B

Priority Applications (No Type Date): US 98165606 A 19981002
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6147687	A		16	G06F-003/14	

Abstract (Basic): US 6147687 A

NOVELTY - The user of computer system interacts with displayed tree view representing hierarchical **data structure** , that represents a relationship among objects. The buffered updates are applied to displayed tree view to create a refreshed tree view in response to detection of container refresh action. The refreshed tree view is finally displayed.

DETAILED DESCRIPTION - A hierarchical **data structure** representing a relationship among objects is created. A tree view of hierarchical **data structure** is displayed on a graphical user interface of computer system. The updates to the objects are produced by executing application. The updates are buffered for later application to displayed tree view. The buffered updates are applied to displayed tree view to create refreshed tree view. The refreshed tree view is finally displayed. INDEPENDENT CLAIMS are also included for the following:

(a) computer system for decoupling **data structure** ;
(b) method for decoupling **data structure** ;
(c) graphical display method of hierarchical **data structure**

USE - For decoupling **data structure** updates from user-manipulable view of **data structure** that is presented to user in graphical user interface.

ADVANTAGE - Since buffering technique and separate thread approach is provided, the application program is free to make changes to the underlying **data structure** without waiting for the user to complete actions at the graphical user interface. Since the user is free to make modifications through the GUI without waiting on an update operation being performed by an application program, enables users to work more effectively and efficiently in environments where the **data structure** is rapidly changing and where **changes** take a **significant** length of time to complete.

DESCRIPTION OF DRAWING(S) - The figure shows the tree views of a **data structure** .

pp; 16 DwgNo 3B/5

Title Terms: COMPUTER; READ; CODE; DECOUPLE; DATA; STRUCTURE; UPDATE; USER; VIEW; DATA; STRUCTURE; **APPLY** ; BUFFER; UPDATE; DISPLAY; TREE; VIEW; REFRESH; TREE; VIEW
Derwent Class: T01
International Patent Class (Main): **G06F-003/14**

File Segment: EPI

30/5/19 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012813617 **Image available**
WPI Acc No: 1999-619848/199953
XRPX Acc No: N99-457137
Computer aided object oriented code generator in bank
Patent Assignee: ELECTRONIC DATA SYSTEMS CORP (ELDA-N)
Inventor: CUMMINS F A; SADIQ W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5978581	A	19991102	US 97982331	A	19971202	199953	B

Priority Applications (No Type Date): US 97982331 A 19971202
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5978581	A		7	G06F-009/45	

Abstract (Basic): US 5978581 A
NOVELTY - The code using C++ compiler is generated based on object model. The new base object header file, base object **implementation** file of base object class and new custom object header file of custom object class of the code are generated in response to change in object model. The codes are preserved in the custom object **implementation** file of custom object class in response object model change.
DETAILED DESCRIPTION - The base object class is inherited from framework object class and the custom object class is inherited from base object class. An INDEPENDENT CLAIM is also included for object oriented code generating method.
USE - For generating object oriented code in distributed object system used in bank. For providing various services like life cycle service, persistent service, transaction management, concurrence control, relationship maintenance service, query service, workload management and notification service.
ADVANTAGE - Enables developer to carry out **significant changes** in object oriented application without worrying about lower level functionality of application. Enables easy management of changes in object oriented application by segregating developer code from generated code. Enables easy incorporation of new **version** of framework by regenerating code simply based on application object model. Facilitates computer to remind application developer when method has not been defined or incorporated by generating method checks automatically. Facilitates interaction between databases in persistence services. Enables creation, deletion, movement, copying, activation and deactivation of objects in distributed object environment. Enables objects in distributed object system to request notification if some event occurs to another object. Enables easy error deletion in object oriented code generation.
DESCRIPTION OF DRAWING(S) - The figure shows flowchart describing object oriented code generation.
pp; 7 DwgNo 3/3
Title Terms: COMPUTER; AID; OBJECT; ORIENT; CODE; GENERATOR; BANK
Derwent Class: T01
International Patent Class (Main): **G06F-009/45**
File Segment: EPI

30/5/20 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012723366 **Image available**

```
Set     Items   Description
S1     555219   DATABASE?? OF DATA()BASE? OR DB OR DATA()STRUCTURE? OR VER-
             SION OR WEB()(SITE? OR PAGE?) OR WEBSITE? OR WEBPAGE? OR HOME-
             ()PAGE? OR HOMEPAGE? OR WEBBASE OR WEB()BASE? OR DATA()COLLEC-
             TION?
S2     165703   (STATE OR CURRENT OR PRESENT OR NOW OR IMMEDIATE OR REALTI-
             ME OR REAL()TIME OR DYNAMIC? OR SOURCE)(2N)(DATA OR INFORMATI-
             ON OR VERSION)
S3    4489844   MODIF? OR EDIT? OR REVIS? OR REVAMP? OR REWRIT? OR REWORK?
             OR CHANG? OR ALTER? OR UPDATE? OR UP()(DATE? ? OR GRAD?) OR M-
             ODIF? OR UPGRAD?
S4      92292   S3(2N)(DATA OR INFORMATION OR FIELD?)
S5    6861118   COMPAR? OR SYNCHRON? OR CONFORM? OR CONCUR? OR ACCORD? OR -
             AGREE? OR ASSOCIAT? OR COMPATIBLE OR COMPLIANT OR LINK? OR MA-
             TCH? OR VERIF?
S6     130870   IGNOR??? OR DISREGARD? OR PASS()OVER OR SLIGHT
S7      72512   TRIVIAL OR UNIMPORTANT OR USELESS OR INEFFECTUAL OR UNUSAB-
             LE OR INCONSEQUENT? OR INSIGNIFICANT OR UNNECESSARY
S8    4871479   APPLY OR APPLIES OR EMPLOY? OR IMPLEMENT? OR USE OR USES OR
              UTILIZE?
S9      57441   (IMPORTANT OR SIGNIFICANT)(2N)S3
S10         0   S1 AND S2 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9
S11      3791   S2 AND S4
S12      1374   S11 AND S5
S13       417   S6 AND S7 AND S3
S14     13218   S8 AND S9
S15         0   S12 AND S13
S16         5   S12 AND S14
S17       594   S1 AND S11
S18       216   S1 AND S12
S19         2   S13 AND S14
S20        13   S1 AND S13
S21       528   S1 AND S14
S22         0   S11 AND S13
S23        12   S2 AND S13
S24         5   S4 AND S13
S25         3   S18 AND S21
S26        34   S16 OR S19 OR S20 OR S23 OR S24 OR S25
S27        26   S26 NOT PY>2001
S28        31   S26 NOT PD>20010110
S29        28   RD (unique items)
File   8:Ei Compendex(R) 1970-2004/Jun W4
         (c) 2004 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2004/May
         (c) 2004 ProQuest Info&Learning
File 202:Info. Sci. & Tech. Abs. 1966-2004/May 14
         (c) 2004 EBSCO Publishing
File  65:Inside Conferences 1993-2004/Jul W1
         (c) 2004 BLDSC all rts. reserv.
File   2:INSPEC 1969-2004/Jun W4
         (c) 2004 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File  94:JICST-EPlus 1985-2004/Jun W2
         (c)2004 Japan Science and Tech Corp(JST)
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Jun
         (c) 2004 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2004/Jun W1
         (c) 2004 FIZ TECHNIK
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
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29/5/2 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06620279 E.I. No: EIP03477737975
Title: Bayesian analysis of massive datasets via particle filters
Author: Ridgeway, Greg; Madigan, David
Corporate Source: RAND, Santa Monica, CA 90407-2138, United States
Conference Title: KDD - 2002 Proceedings of the Eight ACM SIGKDD International Conference on Knowledge Discovery and Data Mining
Conference Location: Edmonton, Alta, Canada Conference Date: 20020723-20020726
Sponsor: SIGKDD; ACM Special Interest Group on Knowledge Discovery and Data
E.I. Conference No.: 61746
Source: Proceedings of the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining 2002. p 5-13
Publication Year: 2002
Language: English
Document Type: CA; (Conference Article) Treatment: A; (Applications); T ; (Theoretical)
Journal Announcement: 0312W1
Abstract: Markov Chain Monte Carlo (MCMC) techniques revolutionized statistical practice in the 1990s by providing an essential toolkit for making the rigor and flexibility of Bayesian analysis computationally practical. At the same time the increasing prevalence of massive datasets and the expansion of the field of data mining has created the need to produce statistically sound methods that scale to these large problems. Except for the most **trivial** examples, current MCMC methods require a complete scan of the dataset for each iteration eliminating their candidacy as feasible data mining techniques. In this article we present a method for making Bayesian analysis of massive datasets computationally feasible. The algorithm simulates from a posterior distribution that conditions on a smaller, more manageable portion of the dataset. The remainder of the dataset may be incorporated by reweighting the initial draws using importance sampling. Computation of the importance weights requires a single scan of the remaining observations. While importance sampling increases efficiency in data access, it comes at the expense of estimation efficiency. A simple **modification** , based on the "rejuvenation" step used in particle filters for dynamic systems models, sidesteps the loss of efficiency with only a **slight** increase in the number of data accesses. To show proof-of-concept, we demonstrate the method on a mixture of transition models that has been used to model web traffic and robotics. For this example we show that estimation efficiency is not affected while offering a 95% reduction in data accesses. 22 Refs.
Descriptors: Data mining; Neural networks; Computational methods; Algorithms; **Data structures** ; **Dynamic** programming; Markov processes; Monte Carlo methods
Identifiers: Bayesian analysis; Data sets; Markov chain Monte Carlo technique
Classification Codes:
723.2 (Data Processing); 723.4 (Artificial Intelligence); 721.1 (Computer Theory (Includes Formal Logic, Automata Theory, Switching Theory & Programming Theory)); 922.1 (Probability Theory); 922.2 (Mathematical Statistics)
723 (Computer Software, Data Handling & Applications); 721 (Computer Circuits & Logic Elements); 922 (Statistical Methods)
72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

29/5/3 (Item 3 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06095133 E.I. No: EIP02297023765
Title: Automatic discovery of rules for predicting network management events

Author: Nunez, Marlon; Morales, Rafael; Triguero, Francisco
Corporate Source: Depto. de Lenguajes y Ciencias Comp. Universidad de Malaga, Malaga, 29071, Spain
Source: IEEE Journal on Selected Areas in Communications v 20 n 4 May 2002. p 736-745
Publication Year: 2002
CODEN: ISACEM ISSN: 0733-8716
Language: English
Document Type: JA; (Journal Article) Treatment: T; (Theoretical); X; (Experimental)
Journal Announcement: 0207W3
Abstract: In order to discover behavior patterns, current algorithms only analyze historical data in terms of performance data or fault events, **ignoring** the temporal correlation among different types of information, including the configuration **changes** . A method is presented that can discover recurrent patterns from multiple flows of events, such as alarms and configuration events, as well as discrete information, such as traffic and usage, taking into account static and **dynamic information** concerning observed objects and their environments. This method can filter out theoretically **useless** patterns, using a novel technique for detecting chaos in sequences of events. The prediction accuracy of the discovered patterns has been measured using objects with dynamic behavior controlled by known and complex differential equations. The proposed mining method has been used for discovering and predicting alarms in a computer network composed of several Internet servers taking into account the alarm and configuration events history, as well as static information about these servers. 16 Refs.
Descriptors: *Internet; Client server computer systems; Fault tolerant computer systems; Computer system recovery; Data mining; Knowledge based systems; Learning systems; Forecasting; Learning algorithms; Chaos theory; Differential equations; Time series analysis; Computer simulation
Identifiers: Network management; Proactive management; Prediction of events; Rules discovery; Behavior pattern discovery; Temporal data mining; Chaos detection
Classification Codes:
723.4.1 (Expert Systems)
723.5 (Computer Applications); 722.4 (Digital Computers & Systems); 723.2 (Data Processing); 723.4 (Artificial Intelligence); 922.2 (Mathematical Statistics)
723 (Computer Software, Data Handling & Applications); 722 (Computer Hardware); 922 (Statistical Methods)
72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

29/5/5 (Item 5 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04426404 E.I. No: EIP96063215672
Title: On the update **of term weights in** dynamic information **retrieval systems**
Author: Viles, Charles L.; French, James C.
Corporate Source: Univ of Virginia, Charlottesville, VA, USA
Conference Title: Proceedings of the 1995 ACM CIKM 4th International Conference on Information and Knowledge Management
Conference Location: Baltimore, MD, USA Conference Date: 19951128-19951202
Sponsor: ACM; SIGIR; SIGART
E.I. Conference No.: 44794
Source: International Conference on Information and Knowledge Management, Proceedings 1995. ACM, New York, NY, USA. p 167-174
Publication Year: 1995
CODEN: 002176
Language: English
Document Type: CA; (Conference Article) Treatment: T; (Theoretical)
Journal Announcement: 9608W2
Abstract: Using the vector space information retrieval model, we show

that the **update** of term weights under document insertions is computationally expensive for weighting schemes that use collection statistics and normalization by document vector lengths. In the dynamic setting, we argue that strict adherence to such schemes is impractical and **unnecessary** as long as retrieval effectiveness commensurate with strict adherence is attained. Experiments using standard test collections as a source of document insertions support this argument. These experiments indicate that term weights may drift from their mathematically defined values without a serious loss of retrieval effectiveness. The only problematic setting is when new terms are present in newly inserted documents. **Ignoring** these terms can cause an effectiveness degradation. (Author abstract) 16 Refs.

Descriptors: Information retrieval systems; **Data structures** ; Vectors; Computational complexity; Statistical methods; Database systems; Indexing (of information)

Identifiers: Term weights; Document insertions; Collection statistics

Classification Codes:

903.3 (Information Retrieval & Use); 723.2 (Data Processing); 921.1 (Algebra); 721.1 (Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory); 922.2 (Mathematical Statistics); 723.3 (Database Systems)

903 (Information Science); 723 (Computer Software); 921 (Applied Mathematics); 721 (Computer Circuits & Logic Elements); 922 (Statistical Methods)

90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

29/5/20 (Item 1 from file: 202)

2301819

Implementing modifications **of** information **systems while using them: an intentionally intervening approach.**

Author(s): Sandstrom, G
Corporate Source: Univ. of Lund, Lund

Publication Date: 1986
ISBN: 0-306-42817-2 Pages: 273-285
Conference Title: Part IV. Empirical Methods of Evaluation of Man-Machine Interfaces
Conference Date: 1986
Publisher: Plenum Press
Language: English
Place of Publication: United States
Document Type: Conference Paper
Record Type: Abstract
Journal Announcement: 2300

The author explores the possibilities of invariance-breaking as a design and as a scientific activity in the use of information systems. The interaction of development and usage would encourage trial uses of the system and the development of the system "in the small" and reasons for this approach are explained. Interventive experiments are characterized as having 1) a high degree of control by the experimenter; and 2) the option to **disregard** as **unimportant** all remaining differences. A method of inquiry is proposed which focuses attention on functions, intentions and importance rather than figures, labels and values. The method aims to support a person to: 1) raise his ability to learn and act; 2) get rid of the distrust of originality; 3) believe in his ability to improve; and 4) realize that problem solving is enjoyable.

Descriptors: Information systems; Man-machine interfacing
Classification Codes and Description: 6.02 (Bibliographic Search Services, Databases)
Main Heading: Information Systems and Applications